

# Material Safety Data Sheet

Date last reviewed: August 8, 2002

## I. General Information

Chemical Name & Synonyms <b>Proprietary Mixture</b>	Trade Name & Synonyms <b>Peel Away 6</b>
Chemical Family <b>Organic Solvent Mixture</b>	Formula <b>Mixture</b>
Proper DOT Shipping Name <b>Not Regulated</b>	DOT Hazard Classification <b>Not Regulated</b>
Manufacturer <b>Dumond Chemicals, Inc.</b>	Manufacturer's Phone Number <b>(212) 869-6350</b>
Manufacturer's Address <b>1501 Broadway, New York, NY 10036</b>	Emergency Number: <b>(800) 457-4280</b>

## II. Ingredients

Principal Hazardous Components	CAS #	%	PEL	TLV	Other
Dibasic Ester	1119-40-0 627-93-0	40-70	None Established	None Established	10 mg/m <sup>3</sup> (manufacturer)
*n-Methyl-2-Pyrrolidone	872-50-4	10-25	None Established	None Established	10 ppm TWA skin AIHA WEEL
Titanium Dioxide	13463-67-7	1-5	15 mg/m <sup>3</sup> (total dust)	10 mg/m <sup>3</sup>	
Non-hazardous Ingredients	N/A	10-30	None Established	None Established	

\*SARA 313: n-Methyl-2-Pyrrolidone is a regulated chemical under SARA Title III, Section 313.

## III. Physical Data

Boiling Point (°F) <b>380-440</b>	Specific Gravity (H <sub>2</sub> O =1) <b>1.2</b>
Vapor Pressure (mm Hg) @ 20°C <b>0.29</b>	Percent Volatile by Volume (%) <b>85%</b>
Vapor Density (Air=1) <b>3.4 (n-methyl-2-pyrrolidone)</b>	Evaporation Rate (Butyl Acetate =1) <b>Less than 1</b>
Solubility in Water <b>Partial</b>	pH <b>Neutral</b>
Appearance & Odor <b>Green paste with a slight, sweet odor.</b>	

## IV. Fire & Explosion Hazard Data

Flash Point (Test Method) <b>275 °F (Setaflash)</b>	Autoignition Temperature <b>600 °F</b>	
Flammable Limits	LEL <b>0.99%</b>	UEL <b>7.9%</b>
Extinguishing Media <b>Water spray or fog, foam, carbon dioxide or dry chemical.</b>		
Special Fire Fighting Procedures <b>Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool fire exposed containers with water.</b>		
Unusual Fire & Explosion Hazards <b>At elevated temperatures containers may rupture. Vapors form explosive mixtures with air. Decomposition products may be hazardous.</b>		
HMIS Ratings	Health: <b>2</b>	Flammability: <b>1</b> Reactivity: <b>0</b>

<b>V. Health Hazard Data</b>			
OSHA Permissible Exposure Limit <b>See Section II</b>		ACGIH Threshold Limit Value <b>See Section II</b>	
Carcinogen - NTP Program <b>No</b>		Carcinogen - IARC <b>No</b>	
<b>Symptoms of Exposure</b> <u>Acute Effects:</u> Eyes: Vapors may cause irritation, blurred vision, cornea opacity and edema. Skin: May cause irritation. Inhalation: Mists and vapors may cause irritation of the eyes, mucous membranes and upper respiratory tract and blurring of vision. Ingestion: May cause gastrointestinal irritation, vomiting diarrhea, headache and abdominal pain. <u>Chronic Effects:</u> Prolonged skin contact may cause dermatitis. Widespread/prolonged contact may cause absorption with symptoms similar to ingestion.			
<b>Medical Conditions Aggravated By Exposure:</b> Individuals with chronic respiratory or skin diseases may be at risk from exposure.			
<b>Primary Route(s) of Entry</b> Eye, skin, inhalation, ingestion			
<b>Emergency First Aid</b> Eye: Immediately flush with water for 15 minutes. Get immediate medical attention. Skin: Wash thoroughly w/soap & water. Remove contaminated clothing. Get medical attention for irritation. Inhalation: Remove to fresh air. Get immediate medical attention. Ingestion: If conscious, give 2 glasses of water. Do not induce vomiting. Get immediate medical attention.			
<b>IV. Reactivity Data</b>			
Stability	X	Unstable Stable	Conditions to Avoid N/A
<b>Incompatibility</b> Strong acids, bases, oxidizers or reducing agents.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
<b>Hazardous Decomposition</b> Carbon dioxide, carbon monoxide and oxides of nitrogen.			
<b>VII. Environmental Protection Procedures</b>			
<b>Spill Response</b> Wear appropriate protective clothing. Remove ignition sources. Collect with an inert absorbent. Wash spill area with water. Prevent runoff from entering sewers or waterways. Report spills as required.			
<b>Waste Disposal Method</b> Dispose of in accordance with all state, local and federal regulations.			
<b>VIII. Special Protection Information</b>			
<b>Eye Protection</b> Chemical safety goggles/faceshield		<b>Skin Protection</b> Butyl rubber gloves required.	
<b>Respiratory Protection (Specific Type)</b> For spray application, a NIOSH approved organic vapor respirator may be used.		<b>Ventilation Recommended</b> Good general ventilation is usually adequate. If exposure limits are exceeded, local exhaust may be required.	
<b>Other Protection</b> Impervious apron, boots, safety shower, eye wash as needed.			
<b>IX. Special Precautions</b>			
<b>Hygienic Practices in Handling &amp; Storage</b> Store in a cool, well ventilated area away from oxidizers and other incompatible substances.			
<b>Work Practices</b> Avoid eye and skin contact. Avoid breathing vapors. Wash thoroughly after handling.			
<b>Other Precautions</b> Use only with appropriate protective equipment. Empty containers retain residue and may be hazardous.			